September 20-22, 2016
DELTA EDMONTON CENTRE SUITE HOTEL
Edmonton, AB
Who is FCIA?

FCIA Educational Symposium in Edmonton, AB

September 21, 2016
Who is FCIA?

• Worldwide Trade Association
  – Contractors
  – Consultants – Voting/Non Voting
  – Manufacturers
  – Distributors
  – Manufacturers Reps
  – Friends
Who is FCIA?

• 1997-98 – Steering Committee Meetings
  – Questions asked...
    • Why isn’t there a way for contractors to differentiate?
    • Why isn’t there inspection?
    • Why isn’t there a industry knowledge document?
    • What can FCIA do at Code Development Org’s?
  – Resulted in ....
Who is FCIA?

• Trade Association
  – 1999 - First Meeting – UL Northbrook, IL
Who is FCIA?

• 1999 - First Meeting – UL Northbrook, IL
  – Same Questions asked...
    • Why isn’t there a way for contractors to differentiate?
    • Why isn’t there inspection?
    • Why isn’t there a industry knowledge document?
    • What can FCIA do at Code Development Org’s?
  – Resulted in ....

• The FCIA's mission is for member organizations to be recognized throughout the construction industry as preferred quality contractors of life safety firestop systems.

• FCIA Member Contractors are committed to providing consistent, high quality firestop systems as a critical part of Effective Compartmentation. Through active participation in the FCIA and related forums, members contribute to the advancement of the firestop and compartmentation industry and maintain exceptional knowledge of this specialized service.

• Through this professional commitment to fire and life safety, member contractors bring considerable value to their customers by enhancing public safety and property protection.
Who is FCIA?

• 1999 - First Meeting – UL Northbrook, IL
  – Mission resulted in ACTIONS...
  – DIIM Industry Strategy Presented & Accepted

  • Four Committees formed
    – Accreditation – Create FM, UL/ULC Programs
    – Technical – MOP – Build Body of Knowledge
    – Liaison – Marketing – Get Connected
    – Code – Get active!
How is FCIA Governed?

• Overseen by ‘Governing Board’
  – President
  – Vice President/President Elect
  – Secretary
  – Treasurer
  – 5 Directors
  – Past President, Past Past President
How is FCIA Governed?

• Board Elections Yearly
  – ‘Voting Members’
    • Contractors
    • Consultants
  – Directors
    • 11 Directors
    • 3 year terms
    • 3 Directors rotate off each year
  – Secretary, Treasurer, Vice President –
    • 1 Year Terms
  – NEW Inspection Committee – Tracy Smith
What does FCIA Do?

• Promote FCIA Industry Strategy = DIIM
  – Advocate
  – Education
  – Exposure
  – Networking
“DIIM”

• Firestopping for Safety – DIIM
  • Properly **Designed** and Specified Firestopping
    – FCIA - 07-84-00 - Specification
  • **Tested and Listed Systems** - ASTM E 814 / UL 1479 - UL 2079, ULC-S-115, ASTM E2307, ASTM E 2837
  • Professional **Installation** – FCIA Member, FM 4991 Approved, UL Qualified Contractors
  • Properly **Inspected** - ASTM E 2174 / 2393 Protocol by IAS AC 291 Accreditation Criteria for Inspection Agencies with Inspectors who pass FM or UL Firestop Exam AND IFC Exam
FCIA – A Trade Association

– Total Fire Protection & Effective Compartmentation
– Codes, Standards, Specs, Systems
– Firestopping for Safety – A Quality Protocol
  • DIIM
FCIA – Worldwide Association

• Firestop Contractors, Manufacturers, Consultants, Reps, Distributors,
• Life Safety Digest
• FCIA Website Resources - FREE
• FCIA MOP on PDF FREE to Specifiers, Architects, Governmental Bldg./Fire Officials, worldwide..
  – www.fcia.org
FCIA – Worldwide Association

• Networking
  – FCIA Conferences, Symposiums

• Education & Exposure
  – FCIA MOP & Updates
  – Life Safety Digest
  – Education for FM & UL Exams, FM 4991, UL QFC & IAS AC 291
  – Management System Manual Template
  – FCIA Survey Practice
FCIA Member Benefits

• Advocacy – Writing, Speaking, Website
  – Specifiers & Architects
  – Code Development
    • Building Code Officials
    • Fire Marshals
  – Standards Development
    • ASTM & UL
• 3rd Party Accredited Organizations, Verified Knowledge
  – Companies & Individuals
FCIA Member Benefits

• Advocacy – Build an Industry
  – Firestop Containment Worker Education
  – Firestop Special Inspection & FM/UL Exams
  – NAICS Code for Firestopping -
  – O-Net Classification
  – ASHE/UL/TJC/FCIA CHES Barrier Management Symposiums @ CHES, ASHE, NFPA, CSI, CSC
  – Trade Shows
  – Presentations
  – Articles in Magazines
“TOTAL FIRE PROTECTION”

• Effective Compartmentation
  – Fire Barriers, Fire Walls/Floors, Smoke Barriers
  – Firestopping, Fire Dampers, Swinging and Rolling Fire Doors, Fire Rated Glazing

• Detection & Alarm Systems

• Sprinkler Suppression Systems

• Education & Egress–
  – Building Owners & Managers, Building Occupants and Firefighters
What does FCIA Do?

• Through Committee & Staff Activity... Advocate.
  – Accreditation
  – Technical, Education, Apprenticeship,
  – Standards & Code
  – Marketing & Membership
  – Legislative
  – Life Safety Digest
Accreditation
FM 4991 & UL-ULC QFC

• FCIA Approached, Collaborated
  – UL/ ULC – 2005 & 2006

• “Build a Unique Program for Specialist Firestop Contractors to Separate themselves from other non specialist contracting firms”…1999, FCIA
Accreditation

FM 4991 & UL-ULC QFC

• FM & UL Meetings – Personal, Teleconference
  – Norwood, MA
  – Northbrook, IL

• FCIA & UL Educated UL Auditors for UL QFC

• FM 4991 in FM Data Sheets

• FM & UL Firestop Exams for Special Inspectors
  – Clark County, Phoenix
Technical, Education, Apprenticeship

• MOP & Firestop Containment Worker Education
  – 1\textsuperscript{st} Edition – 1999 – 2000
  – 2\textsuperscript{nd} Edition – 2001
  – 3\textsuperscript{rd} Edition – 2005
  – 4\textsuperscript{th} Edition – 2008
  – 5\textsuperscript{th} Edition - 2014 & 2015
    • Ch. 3 - 50 to 525 pgs., Released Spring 2014
    • Ch. 1, 2, Appendices, Standard Answers, Jan., 2015
  – 6\textsuperscript{th} Edition –
    • NEW Inspection
    • UPDATE Canada Chapter
Technical, Education, Apprenticeship

- **MOP & Firestop Containment Worker Education**
  - FCIA Firestop MOP Firestop Containment Worker Edition - Electronic & Paper
  - **Books - $95/each.**
  - **22 Powerpoint Presentations** with Speaker Notes
    - 5 more PPT’s on way...
  - **22 Quizzes** for students
  - **FCIA Video** – Step by Step

- **Package Priced @ $1495/Mbrs.**
Standards Committee

- ASTM E2174, ASTM E2393 Inspection Standards
  - 1999 FCIA Spring Conference -
    - “Why don’t we have Independent Inspection in the code like the fireproofing industry?”
    - Mike Pfeiffer, “Build a standard, write a code proposal, get it in ‘YOUR’ ICC Code”
  - FCIA Standards Committee hired Consultant
  - Wrote Draft, worked with Manufacturers at ASTM
  - FCIA Staff, Code Committee & Bill Koffel = Code
Standards Committee

• ASTM E2174, ASTM E2393 Inspection Standards
  – Appendix describes FM & UL
  – ASTM Inspection in 2012 IBC – Showing up now
  – IAS AC 291 Accreditation Starting to Grow...

• UL Standards Technical Panel – Membrane Pens

• FCIA @ ICC’s IAS Board of Directors
Code Committee
Canada, ICC, NFPA Code Development
Code Committee

• **Successes**
  • *Systems to Chapter 7*
  • *Fire & Smoke Protection Features*
  • *Healthcare Proposals*
  • ‘Install so as not to dislodge’ to listing and manufacturers installation instructions’.
  • *Penetrations in stairwells*
  • *Supported Others where needed*
  • *ADDING ‘Inventory of Fire Barriers / Fire Separations*

• **IAPMO**
  • *Removed “4 Years Journeyperson Plumber to Install Firestopping”… from UPC 2009*
Code Committee @ NFPA FPF Meetings

• FCIA @ Fire Protection Features Committee
  – Added language that points to FM & UL Contractor Programs to Appendix of Chapter 8
  – NFPA 1 Special Inspection
  – NFPA Annex, Firestop Contractors
  – Participate at Meetings
Marketing Committee
Outreach & Relationships

• Healthcare - ASHE/FCIA/UL/TJC
• CHES Ontario Convention Program
• ConstructCanada
• TIAC Times
• CSC Construction Canada - Articles
• RAIC Conventions – Speak & Display
• ASHE Insider Article - Symposiums
• ICC Expo & ABM
• NFPA Expo
• TJC – Educated Surveyors
• CSI Articles - CONSTRUCT-SCIP Show
• International Fire Protection Articles
• New York State Fire Marshals & Inspectors
• Campus Fire Safety
• Much More...
Marketing Committee
Outreach & Relationships

• **FCIA Webinars** –
  – Over 150 sites per session
  – 2014 - 8 Sessions
  – 2015 – 15 sessions
  – 2016 – 15 Sessions
Marketing Committee Trade Shows @ CSI & SCIP, ICC, AIA, ASHE NFPA Expos
Membership Committee

- **Membership** – Renewals @ 86%+
- 1999 - 40 Members
- 2005 – 121 Members
- 2008 - 215 Members
- 2012 – 310 Members
- 2013 – 321 Members
- 2014 – 313 Members
- 2015YTD – 294 Members
- 2015F – 336 Members
- 2016 YTD – 326 Members
Membership Committee

• Membership –
  – Contractors
  – Contractor Branches
  – International Contractors
  – International Contractor Branches
  – Manufacturers
  – Associates (25 Consultants)
  – Canada – 40+ Members

• Renewals @ 86%
Membership & Marketing
Canada Task Group

• Canada Task Group Visibility & Outreach
  – Construction Specifications Canada
  – Construction Canada
  – Royal Architects Institute of Canada

• NRC-CNRC @ FCIA Symposiums

• FCIA Education for ULC Firestop Exams

• FCIA French Spec @ FCIA.org
Membership & Marketing
FCIA On-Location UAE

• FCIA Symposium – Abu Dhabi, Dubai, Doha
  – 50+ Attendees @ Symposium
  – NEW Members
  – Department of Municipal Affairs Introduction
  – Department of Civil Defence Presentation
  – Healthcare Facilities, Fire Officials, Consultants,
  – FCIA Members

• Abu Dhabi International Building Code
FCIA International
Task Force Results

– FCIA @ IAS - ICC Global Efforts & SDO’s
  • Published...implemented
  • ASTM & UL Standards
  • Hose Stream Test – Notice given...
  • ASTM E 2174, ASTM E 2393 Inspection
  • Maintenance & Management
– FM & UL Contractors, IAS Inspection Agencies
  • Specifications Growing
  • Specifications Bought USA, Canada, Overseas
FCIA Association Report

• FCIA Membership Growth Result of….Teams
  – FCIA Board
  – FCIA Committees
  – FCIA Staff

• Builds Reliability of Installed Firestopping through the ‘DIIM’
“DIIM”

• Firestopping for Safety – DIIM
  • Properly **Designed** and Specified Firestopping
    – FCIA - 07-84-00 - Specification
  • **Tested and Listed Systems** - ASTM E 814 / UL 1479 - UL 2079, ULC-S-115, ASTM E2307, ASTM E 2837
  • Professional **Installation** – FCIA Member, FM 4991 Approved, UL Qualified Contractors
  • Properly **Inspected** - ASTM E 2174 / 2393 Protocol by IAS AC 291 Accreditation Criteria for Inspection Agencies with Inspectors who pass FM or UL Firestop Exam AND IFC Exam
September 20-22, 2016

DELTA EDMONTON CENTRE SUITE HOTEL
Edmonton, AB